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TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

PATENT  
Attorney Docket No.: 082368-004800US  
Client Ref. No.: E1-A0204P-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Kazuaki UMEDA et al.

Application No.: 10/539,534

Filed: February 13, 2006

For: HIGHLY EFFICIENT GENE  
TARGETING VECTORS AND  
METHODS FOR GENE TARGETING  
IN EPITHELIAL CELL LINES

Customer No.: 20350

Confirmation No. 5990

Examiner: Sullivan, Daniel M.

Technology Center/Art Unit: 1636

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed May 15, 2008, please enter the following amendments and remarks. A Petition for a one month extension of time under 37 C.F.R. §1.136a, from August 15, 2008, through September 15, 2008, accompanies this amendment.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.